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1971 HAMBOREE ST.
MARCH, FLA. 33580

FLORIDA skip

VOLUME 14 NO. 10

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

MARCH / 1971

Price 20c

1971 SET THE BEST EVER

Practice hurricanes, simulated tornados, imaginary locust plagues, and pseudo floods were the order of the weekend of the 1971 Simulated Emergency Test, Jan. 30 and 31. All the imagination possible was put to the test to create enough surprise practice disasters to keep Florida's amateurs on the alert. The test was to see if the talents of amateurs were still sharp enough to handle a real emergency and for the most part, according to the two Florida SECs, it was.

It was up to the individual county emergency coordinator to stir up a local disaster and to coordinate his ARPSC group to

help out. On the state and national level, the National Traffic System was kept going constantly to relay traffic all over the country. Traffic was created in phenomenal amounts and fed into the NTS. Primarily the NTS kept the traffic flowing, even if a bit slowly. In some cases, especially on the region net level it broke down completely for brief periods.

In Florida the two SECs W4IYT and W4IKB organized

well. It was planned this year to be unplanned as much as possible. Thus the main section level CW net QFEN was not allowed to set up a schedule of NCSes and region rep stations as in past years. A QFN-SET coordinator was appointed to be in attendance at all times and to name the NCS and region reps as the need arose. Route manager Dan, K4EHV, will have a fuller report in a future

(Continued on Page 16)

New Quarter Century Wireless Assoc. Chapter

A new Chapter of the Q.C.W.A. is being formed for the West Coast of Florida. Members of the Q.C.W.A. residing on the South West section of Florida, from Ruskin South, who would like to become members of the new Chapter should contact: W4GHR — Bill Soehl, 647 Jungle Way, Sarasota, Fla. 33580. Ph: 355-5814.

HAMBOREE — GREAT!

The Dade Radio Club Tropical Hamboree was again a great success thanks to the efforts of many people. The folks who had booths around the hall did themselves proud with good displays and informed people manning them.

Let's see, we do not have the actual figures in as yet, but at this writing the attendance was in excess of 2,000. We have at this time logged 1781 from Florida. We had 25 states represented from as far away as Washington State. We had folks from 7 countries and from as far away as Australia.

The lucky winners of the grand, grand door prizes were as follows:

Swan 500 CX w power supply — Harold Pallatz, Miami, Florida.

Tempo I w power supply — Lucille Shock, Miami, Florida.

(Continued on Page 16)



QST QST QST DE WB4HKP of Miami Beach seen here hand keying an official ARRL Bulletin. His favorite hangouts are: Traffic nets and ragchews. As you can see Mr. Frank Haas owns much stock in the Heath Company. HKP transmits SKIP & ARRL Bulletins Monday thru Friday on 3651 and 7095 kHz, simo at 2330Z. Need code practice? Here is your man. Frank also served as one of the 8 SET operators at Red Cross in Miami, Jan. 30-31.

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(West Florida)

**NEW FCC FORM
610**

FCC has issued a new Form 610; it is dated July 1976, but has only just recently been released. There are no changes of real substance; the form is re-designed to simplify processing in accord with earlier changes made in the rules. One slightly new aspect is a question whether the applicant proposes to have an actual station; the statement is made, "Call letters are assigned only when a station location is given." FCC still prefers to issue a call sign to every applicant, however, since it is an ideal computer search reference. (From ARRL Dir. Letter)

**Letters To Editor**

Dear Editor:

As part of a master's thesis I am trying to learn more about the myriad clandestine stations which appear throughout the short-wave spectrum. Would you please print in the next issue the following brief article, or add it for publication?

INFORMATION WANTED!

All of us at one time or another have intercepted various radio signals which have appeared unusual, and we have probably wondered about their source and purpose. Some of these are the clandestine "spy" stations, sending encoded messages of strategic interest to foreign or domestic government agencies. One of the most frequently heard is the Spanish numeral stations, sending four or five numeral sequences for a period of about ten or fifteen minutes. The most common of these appear near 3240 and 5200 kHz., at about 5 minutes before and 25 minutes after the hour.

Although I have attempted to learn the purpose of these stations from a variety of sources, I have completely struck out. If any of our readers can shed light on these or other clandestine broadcasters, I would be eternally grateful!

Bob Grove, W4IPYQ
Curator of Science
and Technology
P.O. Box 6537
W. Palm Beach, FL 33405

In the past the Governor of Florida has issued a proclamation each year, proclaiming "Amateur Radio Week" in Florida. Due to lack of advance notice we have not been able to take full advantage of this event. If sufficient advance notice could be given, demonstrations, etc., could be arranged before Civic Clubs, Schools, and similar organizations, resulting in much benefit to our hobby.

Florida Skip has the means to be of great

help in this regard. Please consider the idea with the view of taking the lead and making "Amateur Radio Week" a meaningful affair in Florida each year.

73.

Jos. S. White, WB4KZU
P.O. Box 46

West Palm Beach, Fla. 33402

(Editor's note: Thanks Jos. Wrote our man in Tallahassee last week and attempting to get proclamation at least a month early. Will have 100 extra copies printed ASAP.)

**NEW CALL BOOK
SUPPLEMENT
IN MARCH**

Commencing with the publication of its Spring edition, due March 1, the Radio Amateur Callbook will also produce a separate supplement containing all changes since the previous (Winter) edition. This can be used by a purchaser of the previous edition to provide an up-to-date listing with the supplement costing (likely) \$3.50 as compared with \$8.50 for a new book. (From ARRL Directors Letter)

IMPORTANT MESSAGE

Effective immediately our FLORIDA SKIP yearly subscription rate will be \$2.00 for one year only. We are discontinuing our offer of three (3) years for \$5.00.

GUEST EDITORIAL

By Ken Stewart, W4SMK

What image does the public have of amateur radio? Real life and death emergencies are relatively rare, thank goodness. We don't make page one every day with our public service activities. Yet it is important to keep our public image shiny, even in the daily routine of operating our stations. Unfortunately, as the saying goes, "The times we are right no one remembers; the times we are wrong no one forgets."

A surprising number of people, besides amateurs, listen to our bands. We come into contact with many more people as we deliver or take messages, hold hamfests, or participate in civic activities. What kind of impression do we make on these people? Does the public lump amateurs, and CB operators, and others with no licenses at all who tinker in radio, into the same category? Less than 0.15 per cent of the people in this country are amateurs, and probably less than half of these are active. In this sense at least we are an elite group. Do we project this image in our daily activities? Now this is not a plea for snobishness. It is a plea for all of us to act responsibly, and with the same intelligence, in other areas as we have already demonstrated by mastering the code and theory.

Some of the rudeness and bad operating one hears can be attributed to the over enthusiasm and inexperience of a few younger hams, or to the grouchiness and stone-headed attitudes of a few old timers. Yet the average American amateur is in his early forties, and is experienced, so he should not suffer from either of these problems. We have to work daily to make our public image a good one. We can't depend upon the headlines made by a few amateurs on rare occasions.

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AIR FORCE MARS

By J. R. Hopkins, WB4BND

Our meeting in conjunction with the Miami Hamfest was a success if only that we got to meet Mr. Leger and Sgt. Atkins. These two gentlemen were there to answer questions and meet with those able to attend the conference. They seemed receptive to many of our ideas and only time will tell if any found favor with them. They promised only that they would look into all questions raised and judge them by a common standard, how will they help the program. You all know most of the questions by now, so I will not burden you with them at this time.

One of the few things Mr. Leger did commit himself to was seeing that region 2 received better treatment in regards to equipment issue. This brings to mind what Sgt. Atkins advised us, if your request for equipment is over one year old, re-submit it including a note stating it was a re-request. This will insure you having it on file for when the equipment becomes available, as there were losses incurred during the move from Westover AFB to Oklahoma City.

Traffic has remained fairly heavy since the passing of the

holidays, and as a result, the two hour net time has proven a burden with many nights having to shut down with traffic still to be passed. After the "HATT PACK" moves to their new frequency 3297.5 KHZ the voice net will be able to operate as before with the disposing of all traffic before closing. This is to take place 180000Z February 1971.

ARMY MARS

FLA. 2.

By Bill Britton, AD4IHH

The Army Mars meeting at the Miami Hamboree in January provided an excellent opportunity for the members to get-together for eye-ball QSO's, as well as the latest information on our nets provided by the Florida 2 Director Ken, AA4GUE.

An added plus to the Miami meeting was the presence of the Mars Director Hal Mulkey, A4VHX, from Fort McPherson. This is the first time that many of the Fla 2 members have had the pleasure of meeting the new Director, and all came away with the feeling that our program will gain even greater goals under Hal's very friendly and capable leadership.

Listen on the Alfa nets for news of the resumption of the late-evening "Hotel" net on a new frequency of 4238 kc, and the resumption of the popular Saturday morning High-Speed CW net with Gene, AA4KHT, back as NCS. Both these popular nets are scheduled for resumption soon.

NAVY MARS

By Bonnie Wieboldt
NOPJQ WB4FSF

The Miami Hamboree was well attended by Navy MARS members. We were very pleased that Deputy MARS Chief Chris Walker from Washington, D.C. and Director Vern Poston from the Charleston, S.C. office were



THANKS FOR STOPPING by our FLORIDA SKIP Booth at the Miami Hamboree Jan. 23-24th. We enjoyed talking to you all. Come again next year. Talking over old times (seated rear) our SKIP Cartoonist, Hank Projansky WIGSI..4 (left), and W2SAW while Andy Lee Clark keeps an eye on the 5 beautiful QSO Party and Field Day Florida Skip trophies at far left on table. These trophies were awarded at the main drawing Sunday afternoon. (Photo by WB4PFZ)

able to attend this event with a wealth of information. Mr. Walker presented an interesting program of the Navy's mission in Antarctica, including the role of the MARS participation through voice and teletype communication.

Director Poston was very enthusiastic about the progress made by the District in the past few months and was glad to report that the new DNC-8 (Instruction manual) should be out in a few weeks. This meeting was very informative.

North Florida's main activity was participation in the Central Florida Cerebral Palsy Telethon. Local members received reports of totals and relayed them by radio to headquarters. Jim, NOEQW and Bill, NOQJP were set up at the Orlando Municipal auditorium, headquarters for the activity. Georgia, NOZTC, Lou, NOPBP, and Dick,

NOIAM, alternated as net control stations, on the local 2 meter MARS frequency. Buzz, NOJQS was very helpful by standing by and helped anywhere he was needed. Joe, NOAIL and Jim, NOHSN picked up totals from the Deland area, and Henry, NOGAJ and Iri, NOSPD covered the Lake County area. This operation was a success and members should be proud of the work they contributed.

New members in North Florida are: Bob, NOAGJ of Tallahassee, and Jay, NOATY of Jacksonville. South Florida: NOOLV of Key West, NOAOM of Pompano Beach, NOQHO of St. Pete and NOFGU of Melbourne. Welcome aboard fellows!!

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VHF'ERS COLUMN

By Frank Shannon, K4GT

Recently your Scribe wrote SKIP strongly recommending the return of the "VHF" column. Yes, that letter boomeranged — and here is our first column! This is with the understanding that in near future, a dyed-in-the-wool real VHF'er will come forth and take-over! Your scribe, with pardonable pride works all amateur bands, and therefore believes that some well known VHF'er can better serve!

One of the most often heard remarks, "Don't hear much activity on 6 or 2 meters anymore," has encouraged your scribe in attempting to spread the word of VHF groups, nets and such. So, please write direct to my home QTH regarding any activities which are not now covered elsewhere in Skip.

For a starter, a group of 6 meter SSB amateurs have regularly scheduled themselves on 50.150 MHz SSB, Horizontally polarized, daily (except Sundays) commencing at 0830 AM EST. This group is known as "Medicare Group" and originally started with

W4AVLG, St. Petersburg, and your scribe, K4GT, approximately two years ago.

The group now has grown in numbers of participating stations, mostly stretched out along west coast of Florida, from WB4JAI, Naples, to WB4CQU near Newport-Richey. Often work Miami, Jacksonville, Orlando. This same group of VHF'ers come on the air in evening hours, without a designated time, but usually from approximately 8 PM EST on. The same fellows are mostly equipped with Drake TR-6 Xceivers (350 Watts PEP) and have Drake 2 Meter Transverters and QSY to 145.150 MHz nightly at 10 PM EST (Horizontal).

Our gang welcome any VHF'er to "break," either SSB or AM. We often change — over to AM to accommodate. Most of same gang have now purchased and are on-the-air on 2 Meter FM — they've quickly learned "procedures" popular in 2 Meter FM jargonese and are cognizant of the clobber freq, 146.94 MHz!! C U next Skip.

S.P.A.R.C.

On Friday, March 19, 1971, a program sponsored by the St. Petersburg Amateur Radio Club, will feature a speaker from NASA. His topic "EXPLANATION of the MANNED LAUNCHES scheduled in 71, 72 and 73" will be further enhanced with visual aids.

This is to be held at 7:30 P.M. at the Public Library Auditorium, 3745 - 9th Ave., No., St. Petersburg, Fla. and will be open to the public and no charge.

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs:

W4PB, Marian H. Vater, Tampa.
W4HWA, William N. Gardner, Jacksonville.

K4LJ, George Lauterborn, Jensen Beach

K4LJS W1CDT, Ed Wheeler, Ft. Lauderdale-Manchester, Conn.

W4ECM, Ballard Edgar, De Funiak Springs.

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DADE RADIO CLUB

By Paul E. Norman, WB4KGC

The Dade Radio Club held its first post Hambo meeting and a tired bunch we were. After all had their say as to what went wrong, what didn't go wrong, what should and should not be changed, who did what for and to whom, all in all a very enlightening critic.

A motion was made and seconded to hold the Tropical Hambo next year same time providing Evelyn Gausman, W4WYL, volunteers to be Bob again.

Walt Thain, WB4KKB, was appointed club historian and will attempt to get editorial and pictorial records of our past. I hope, for Walt's sake, that it is not too did!

Bob Loewenthal, K4YLJ, our Christmas Party Chairman made his report and it seems he overspent the generous party budget that we authorized. There were some expressions of thanks for Bob's personal generosity, but cooler heads prevailed and he will be properly reimbursed. A round of applause for Bob neatly closed out that subject till next year.

We had some discussion on a combination club station, classroom, meeting room in the new addition being proposed at the Museum of Natural History. A figure of 1,000 square feet seemed to be the size needed. Our major donor, John Steel, WD4UCV, was going to approach the "powers-that-be" at the next President's meeting at the museum.

And, last but not least, Jay Becker, WB4HDZ, did not do a single thing this past month that is worthy of mention. Good Grief!

USEF AMATEUR RADIO CLUB

WB4BNH

The USEF radio club has begun the slow climb up the hill of success by picking itself up by its own bootstraps. The Club

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[See page 13 for more details]



started off the quarter by electing Ray Kriegbaum as Treasurer and Mary Laffier as Secretary, along with existing officers: President Glen Jenkins, WB4KTF, and Vice President, K4EHY.

The club participated in the local Hillsboro SET on 2 meter FM, 6 meters, and high frequencies. Several hand-drawn messages were sent out for University students and staff to all parts of Florida and the country.

A committee was formed to recommend a SSB transmitter or transceiver for the club to acquire.

The club station has been designated as a CD RACES station and a CD 2 meter FM unit is presently on the air from the club shack. This can be operated on emergency power that the building has, in an emergency.

A student government elections polling station was operated by the club members with the attendant small increase in the club treasury.

Donations of money or equipment may be made tax deductible through the University of South Florida Foundation.

The USEF ARC meets Mondays in room 207 of the Social Science Building, and memberships open to any student or staff member of the University of South Florida.

BRANDON AMATEUR RADIO SOCIETY

By Gene Barton, WA4YNW

Guest speakers at the Brandon Amateur Radio Society's February 8 meeting were Ed Carr, WB4FCO, Communications Coordinator for Civil Defense and Hillsborough County, who spoke on R.A.C.E.S. and communications as related to Civil Defense; and Conrad Swanson, Brandon attorney, who spoke briefly and answered questions concerning the proposed incorporation of Brandon. The club voted to go on record as favoring incorporation.

Congratulations to Ralph Rogan, new BARS member, on receiving his ticket, WN4TOR.

We were glad to have Owen, K4LV, and Henry, K4AOB, from the Lake Amateur Radio Association attend our meeting. Visitors are always welcome.

Several members helped man the Tampa club station, W4DUG, at the Florida State Fair.

THE COUNTRY COUSINS

By Stan Offenhutter

As of this writing, the Miami Hambo is over, but it's still being talked about. Now folks are contemplating the upcoming Orlando Hamfest. We had nice eye-balls with some of the cousins as well as a visit to our QTH by Chet, WA4YRU, his XYL and their daughter.

Bill, W4GHR and XYL Cathy, W4BAY, enjoyed their visit with their son and grandchild.

Welcome to our new cousins: M.R., WB4SKO; Nancy, WB4NTW; Bob, WB4TCZ; Ernie, K4GSM 3 and Will, WB4PCZ. Glad to have you aboard!

Coleman, WB4OKS who is in training with the FAA in Miami, checked in from yours truly's rig, as well as Ben, W4SEG and Mike, K4PCS. These visits are always pleasant and welcome.

Orlando, W4LTF's XYL, Helen, our Assistant Secretary, is scheduled for surgery. We hope that she will be much

improved by the time she reads this. Jack, W4TBS's XYL, Ruth, is doing nicely after her recent operation.

Jerry, WB4TPI reported that he is going to Mexico on vacation traveling in his travel trailer. Pete, WB4RYX, who works aeronautical mobile was caught on 30 meters and what a signal!

The gang at the Crippled Children's Hospital in Umatilla will be receiving the Florida Skip with compliments of an anonymous ham, which we think is right nice and friendly.

A welcome to all to join us every night at 10 p.m. on 2070 KHz. A certificate is given by the net. For all particulars please check in.

BROWARD A.R.C.

By Jim Wilson, W4GDK

The January meeting of B.A.R.C. found a serious problem developing. Our previous Assistant Chairman, Fred Schmidt, said that because of business pressure he could no longer serve in that capacity.

He suggested that we try this year having B.A.R.C. and the Hollywood Club share the responsibility and the profits. With many details to be worked out, it was agreed to try it. It was later decided that Jim Moran of the Hollywood Club and Larry Young of B.A.R.C. would be Co-Chairmen.

Art Milligan, WA4LP gave an interesting discussion of the early days of ham radio and how many hams in those days used their initials for their calls.

Also discussed was the 2 Meter FM Repeater soon to be completed at Broward Civil Defense Hdqrs. on Peters Road, Ft. Lauderdale where a 125 foot tower will hold the transmitting antenna. Additional receiver sites will be at Holy Cross Hospital in north Ft. Lauderdale and at the Osteopathic Hospital in Pembroke Park west of Hollywood. Full details are to be given at the March meeting by Fred Lemke, WB4RZS.

Our big annual Auctionfest as indicated elsewhere in this issue of FLORIDA SKIP is to be held at Chaminade High School, 500 No. 31st Ave., Hollywood, on March 13 from 9 a.m. to 5 p.m. There are always bargains galore.

B.A.R.C. has its meetings the second Wednesday of each month at 7:30 p.m. in the Broward County Courthouse. Anyone interested in ham radio is invited. Ask the guard in the lobby where the radio meeting is being held. We'll be glad to see you.

DELTONA HAM NEWS

By Jack Six, W4YPA

January started a new year for the Deltona CD Net and a good turn out on nets was taken place. We sure have a loyal bunch of hams in Deltona and are most dedicated to our local net operation.

We are making an effort to get a receiver on 5 meters to hear the boys check in. K4CZK - K4EEZ of Deltona along with K4CTH of DeBarry are on six. Thanks boys for the interest in the CD Net.

We enjoyed a very nice visit from W4NH and his XYL. We also enjoyed a very fine dinner party with K4MY and his XYL try XYL. K4MY was a co-worker of W4NH with FAA.

W4YLR Russ took over net control for CD while I was enjoying the visit with W4NH. WB4QPH, Clarence was back on the net again after some rig trouble.

XYL and I drove over to Daytona Beach Sunday, Jan. 17th to have an eye ball with W4ADK and XYL. Ruth who are spending several weeks in Florida sunshine. Denny & Ruth are friends from several years back in Indiana, Pa. Also had a very nice eye ball with K4GJ and his XYL Hope.

K4LZ, Tom, has his chest swelled out as he is the proud grandfather of a fine baby girl. Baby and mother doing fine. Tom is doing a real bang up job and even had all the dishes washed. 73 all.

GATOR CHAPTER QCWA

By Frank Atlee, K4PI

Since the February meeting of the Gator Chapter will take place after the deadline for inclusion in the March issue of Skip, details will be reported in the April issue. A large crowd is expected at the usual meeting place, the Roadhouse in Clearwater, with the new slate of officers for 1971 running the show.

CITRUS CHAPTER

Citrus Chapter, the Orlando centered QCWA group, has arranged for a mid-day get-together on March 6th, Saturday. It's at that great white multi-storied HOTEL on U.S. ONE, The Riviera Hotel (that's HO - Hotel) on U.S. 1 north of Daytona Beach. It is out past Holly Hill Elementary School and the Holy Hill City Hall, on the right hand or east side of the road. It is an imposing white stucco building and the entrance is on the high side, east side of the building. A buffet, at \$2.75 (inclusive - or "all in" as the English say). Fancy beverages may be had in moderation.

No reservations are necessary, the ladies are invited as usual. Come early - we'll eat about 12:30 - see y'all there!

SOUTH MIAMI RADIO CLUB

By George, WB4JFA

The club held its meeting on Feb. 5, 1971 at the Coral Gables Police Station, about Twenty people were in attendance. A film from Southern Bell was shown on communication and was enjoyed by all.

The club's Transceiver fund is growing nicely and a target date of Field Day of 1971 is set for the purchase of a rig. A number of the club members participated in the SET on 2 meter FM and RTTY. It was a good test of material and men.

The club would like to remind all amateurs that a club certificate is given out for all hams who work a member of the club. This is a nice green and white certificate which would look nice on the wall of your shack.

Remember we meet the first Friday at 8:00 pm at the above mentioned location. Hope to see you there. 73

TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT

Our regular meeting, Monday, January 18th, was highlighted by guest speaker, Dave Bonar, of General Telephone Company. Dave's subject was "USAF Airborne Command Control Aircraft," and the color slides greatly enhanced his talk. Your Series will never forget these color-slides showing the Trailing-Wire-Antenna installation for VLF communications - the wire is 54 miles long! Just think that over for a moment - a giant Boeing Jet aircraft with a tail 54 miles long!!

Our February 1st meeting was held at the Florida State Fair grounds in our traffic booth. The meeting was held for the purpose of final check-up and familiarization for our members who are serving W4DUG during the two weeks period of the fair. The TARC W4DUG station was installed Sunday January 31st. TARC member George McElroy loaned his Heath gear for duration of W4DUG at fair grounds. Gordon Calender loaned his Galaxy 5 Receiver. Frank Ziegler made available his home-brew linear and TARC's latest acquisition, a Knight TR-146 6 meter Receiver will permit contact with local greater Tampa Bay area stations. Not to forget, Bill Holleyhead's 6 meter "J" antenna. W4CI was, as usual, involved in all administrative work with the Fair management, including obtaining gate-passes, etc. Seward Van Patten and his XYL, Helen, both licensed, will as usual, handle W4DUG during daylight hours. Don Fischer is manager of amateur personnel and Ralph Condy handles the "ops." C U next Skip.

WEST PALM BEACH AMATEUR RADIO CLUB, INC. W4HAW

By Clara B. Stables, WB4NKR
That Odd Couple, Gene Sykes, W4BKB, and Bill Sprague, WB4OUL, accompanied by Duane Webb, WB4NZM, flew to West End, Grand Bahama to participate in the CQ Worldwide 160 meter CW Contest January 30 and 31. They operated under the call W4HBB VPT from a paddle-wheel excursion boat tied up at the Jack Tar Hotel dock. Duane acted as logger. They contacted 63 states including Hawaii and numerous DX stations. I can't pry the score from them; but their grins are snug.

Antonio Correa, HK3QB W4 showed excellent colored movies of our Christmas Chicken Barbecue. "Tiny" Britton, WN4TDZ, a light 320 pounds, was the star, appearing in almost every shot chewing on a series of chicken legs.

Ten perspiring embryo Novices, including two YLs, are sweating their way through the code and theory class which began on January 18.

The Club has acquired through purchase from the widow of a silent key a good used TR 3 with AC and DC power supplies. WA4PO and WB4OUL have put it into shape and we're on the air. Call us—W4HAW!

DCARPS By WA4QBY

The 1971 Simulated Emergency Test was one of the best ever according to our SEC and part of the reason for the success is the excellence of corps members during the annual exercise. Our president Dev, WB4LBB, led a contingent of four members at our station WB4LRY. They gave our recently donated Swan 350 a real workout. Also operating at the Pace High School station were Craig, WB4LAA, Don K4FMA, and John, WB4RQH. WB4LRY was the key CW station into the National Traffic System for Dade County. Meanwhile at the South Florida Division Red Cross Headquarters, members WA4ABY and W4VYT were in charge of K4WT, the key SSB station for Dade County. Assisting here were our members W4PFF, K4BLM, WB4HGG, and W4ZHG.

Our classes continue at JFK Junior High in North Miami Beach. We are cooperating with the Dade County School Board and the Lions Club in providing code and theory courses. About thirty are currently enrolled for the Tuesday night instruction. President Deven Dean, WB4LBB and Secretary John Aikens, WB4KQR are in charge of this program and get assistance from other club members.

Don Murray, K4FMA is in charge of a club project to resurrect the amateur station W4WVC at the Miami VA Hospital. Although

licensed, the club is inactive. We are installing new antennas and instituting a program to spark interest in ham radio among the patients at the facility.

Two major events of the DCARPS are Field Day and the Miami Auctionfest. Steering committees were named in February to start planning these two events. The auctionfest committee hopes to announce the dates for the auction. All we know now is that it will be in September.

The Dade County Amateur Radio Public Service Corps meets the second and fourth Thursday every month at Pace High School, 18500 NW 32nd Ave., Miami. Everyone, of course, is welcome.

FLORIDORA YLS

By Cathy Koehl
WB4V AREA ARNS

ATTENTION: Send in your Floridora dues now to K4WKS, Lee Kanarian (\$1.00) and YLRL does (\$3.00) to W4YKI, Jackie van de Kamp.

Welcome to my new member WB4NKR, Clara Stables and to WA4BKB, Marcia Guest, back to the fold. Marcia is President of the YL Int'l. SSBers. Nice picture in their publication.

VE3BFN 4, Barb Newman, Treasurer of Ontario Trilliums, checked into the Floridora Net, from Satellite Beach, where she witnessed the Apollo 14 blast off, before proceeding down the East Coast.

Congratulations to K4RHL, Edie Hoenner, with her partner W4SEAC, Alie Broman, winning 2nd place in the YL SSB 1970 QSO Party. Also W4QBY, Dorothea Seaver won 1st place and W4EHN, Betty Coleman, 2nd place in the Single Operator Class for Florida.

W4HRC, "Little Bo" Bogardus enjoys hearing from us and hopes to have a receiver soon. "Little Bo" and Marie will go to Hawaii in May to meet son Pat and family, all returning home together. The trip is their Xmas present.

W4UF, Dot Saunders has DXCC, but continues to work on it and has just worked a UD6 in Soviet Russia, the last for the block of Russians designated on DXCC.

K4CVR, Bessie Foss feeling better, as recuperating from spell in hospital before Thanksgiving.

W4EHN, Betty Coleman and OM, Clom celebrated their 31st Wedding anniversary, Jan. 10th. As Chairman of Community Improvement-St. Cloud Woman's Club, Betty enjoyed the dedication of "Chaco" (Osceola County Childrens Home), which was their project. DAR Coffee, Jan. 29th, brought 22 guests to Betty's home.

FORT MYERS CLUB NEWS

By Ken, W4SMK

The February FMARC club meeting featured a talk and demonstration by Don



RECENTLY THE WEST Florida Phone Net members had a picnic at the Three Rivers State Park near Sneads, Florida. Checking in WFPN at the picnic grounds are L to R: WB4LOQ and Jr. Op., WA4ISJ, W4BIM, WA4EOQ and WB4DVM. All 6 were "QRU" . . . (photo by W4RKH)

Werner, K4AXS, on his inductance tester. Don really did a professional job of building the tester some 10 years ago, and it looks just like now.

The club operated W4LRT at the Southwest Florida Fair the last week in January, and put on a demonstration of amateur radio each evening. The fair booth, a big trailer, was loaned to us by broadcast station WCAJ, who used it in the day time for their own remote broadcasts. Antennas were donated by Ed, K4EA. Many of the club members donated use of their own transceivers and time during the week long affair.

There was considerable discussion and interest in 2 meter FM repeaters and activities at the meeting. We have a few members on 2 meter ALE but there has been no FM activity in this area as yet. There is a 2 meter FM repeater available here, and the club may be able to put it on the air as a club project. We understand these repeaters require a lot of work, but those attending the club from areas where there is repeater activity say it is really great fun.

There was little activity in the SET here because of the conflict with the Fair, and the CD people were also tied up in the Fair. However, W4SMK and WA4HDB were both active, and contact was made with the Red Cross Chapter. The county still needs a full time Emergency Coordinator.

and someone who will take over the job of Red Cross Radio Officer, since K4FQU has become inactive. Any takers?? Incidentally Charlotte and Sarasota Counties also have no emergency coordinators, so there is a big gap here on the West coast in the Fla. emergency set up.

We have several Novices and potential Novices in the area, and hope to hear them all on the air soon.

THE FLORIDA SIDEBANDERS ASSOCIATION

By Jim Ackerson, K6PNJ

As I see it it is a privilege to be an amateur radio operator and a member of the Florida Sidebanders. Along with this privilege comes a responsibility for me and that is to try to do something constructive to help our association. This brief column is a feeble effort to do what might be a "constructive effort" to help our organization. It is hoped that members of the association will send me brief news items from time to time that may be of interest to members and other Florida amateur radio operators.

Welcome to the associate member checkins: Cecil, K4CAJ; Ralph, W4HGO; Don, W4HOU; and Hal, W4SNP.

Our new President, Tom "Coyote"

(Continued on Page 8)

WIRE ELEMENT ANTENNAS

These dipoles or inverted vee type antennas have full halfwave elements made of No. 12 copperweld wire. Detailed instructions and three ceramic insulators included. Double tuned units resonate to two frequencies inside a single bandpass for optimum CW and phone performance with a single antenna. Folded dipoles and monobands available. Brochures upon request.

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10-6 M	13.75

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6 M	12.50

Shipping charges collect. Fla. residents add 4% sales tax.

HOUSE OF DIPOLES

P.O. BOX 8484 / ORLANDO, FLORIDA 32806

(Continued from Page 7)

Ridge, WA4RWE, is looking for project ideas for this year and for members of the association to pitch in and help put some new life into our fellowship. Your ideas count and Tom will do his best to see they do. So, speak up!

Will you help secure new members for our association? Will you encourage fellow members to check in to the association sponsored FAST net? Will you become more active in 3440 kHz QSO's during the week and not just Sunday at 1700 EST? This frequency is becoming more active during the day than many of you realize. Join us?

THE FORT PIERCE RADIO CLUB INC.

By Bill Craine, WB4MIQ

Well, another Miami hamfest has come and gone with the majority of our club members in attendance. It was very enjoyable to all and was considered an exciting experience for some of us to find out what some of the guys we work on the bands really look like.

Also another important event of January that we can not overlook is the SET. Emergency Coordinator, Jake Paltzer, W4NTE, did a fine job of organizing things for our local "disaster." We all had lots of fun working the various nets including our own local net TCN (Treasure Coast Net). As far as the local net went, we established good means of communication between the local amateurs. TCN was operative on 3.740 MHz at 1900Z, and 2000Z passing all the traffic that the various novices in our county had originated. NCS stations were WN4NOZ and WN4MEJ respectively. Both Gig and Jim did a real fine job of routing the traffic through the liaison to QFEN SSB, W4NTE. This provided for novices to take active part in the SET. All stations that QN'ed TCN were operating on

emergency power also.

We are now holding our weekly meetings at the Red Cross Office. Gig and a few others got together and constructed a fine set of cabinets, with desk space for our operating area. We also have antennas up here and WB4MIQ worked the nets during SET from down there.

Well that is it from FPRC this month. Our door is still open to all members and visitors who would like to drop in. We meet on Mondays at the Red Cross Building, 420 N. 7th Street at 7:00 p.m. 0000Z. 73's.

GULFSTREAM SOCIETY

By Alan Harp, WA4SVH

The Gulfstream Society fiscal year begins March 1. In the February business meeting new officers were elected as follows: President; Alan Harp, WA4SVH Vice President; Neil Sommerfield, WB4PKP Secretary; Phil Accardi; W4WYA, Frank Pivovotto; WA4TEN will continue as Treasurer until a suitable replacement can be found. If you have business with the society the new officers stand ready to serve you.

The Exhibit we had at the South Florida Fair was a great success this year. With our special call WC4SEFF we waded through several pile ups of stations seeking the WC4 prefix. We had over 1000 QSOs with stations in 45 states and 24 countries. Occasionally visitors were allowed to chat with stations "back up north." The highlight of event was when our neighbor exhibitor, Advertisers Press, sent a hand drawn QSL to an Erie, Pa. station by Faxmail. Their service sends facsimile pictures and drawings over telephone lines. The operator picked up his QSL in Erie within one half hour after the QSO!

Members with new (to them) equipment include David DeLonga, WB4PNG who has a Marauder on the air now and is really

working the DX on SSB. He reports having worked over 100 countries. Also: Don Moe, WA4YIH picked up a GE Master Line at the Miami Hamfest. Neil Sommerfield should soon receive his new Drake T4XB transmitter. He will then join the SSB crowd.

New members to the Society include Ron Morgan, WA4EVJ; Larry Feraud, K1POT 4; and Mark Gerson, WB4PRJ. We wish a hearty welcome to these new members.

SUNCOAST ROVING REPORTER

By Cathy Soehl

WB4AV AREA ARNS

SPARC (St. Petersburg Amateur Radio Club) featured WA4NL, Harry Longrich, who spoke on "Two Years in CNS Land-Satellite Communication," at their February meeting.

The Red Cross Booth, at the Manatee County Fair was manned by the Bradenton Radio Club, demonstrating the way amateur radio operates and assists the Red Cross in an emergency. WA4ZAZ, Wally Watson provided the rig and WB4ISZ, Jim Hall was among those taking 3-hour shifts during the weeks activities.

WB4TSG (ex-W4AEZ), Ty Huhtala, 6427 - 26th St. W., Bradenton welcome to the Suncoast.

WB4Y WB4KJO, Gil Ludlow and XYL, Russ are late returning South account of the fact they bought a new car, packed it, complete with ham gear, planning to arrive in St. Petersburg Dec. 10th. However, he made a stop and when he got back to his car it was on fire which, together with contents, was a total loss. Hence, Gil must remain in Ohio until all is settled.

WB4LTU WB3YG, Win Morris and XYL, Flo celebrated their 42nd wedding anniversary Jan. 12th. Congratulations!

W4VNA, Walt and W4LIR, Minn Cook took a trip to Fort Myers to visit her sister. On the return trip, they stopped to see W4GHR, Bill and W4BAV, Cathy Soehl. The next day, they went to Tampa to see W4WPD, Shirley and W4UFR, Earl Hill, as Shirley had invited W4MHR, Burt and Dot Disney. Bill and Cathy for dinner the following day (Sun.), the Cooks stayed over so that a little private impromptu hamfest resulted.

W4EPR (ex-W4CUI) June and W4EPQ (ex-W4TXN), Gene Scarbro, we understand, have purchased a home in St. Petersburg, returning after a number of years in Tenn. and California.

NOTICE

HW-100 OWNERS

While talking to Jim Isham, W8TXX at the Heath Company Miami Hamfest booth last month, ye ed was told that if the HW-100 owners wanted to increase their receiver sensitivity they can change V-10 and V-11 to 6HS6's and they will see a marked improvement. No other changes are necessary — just the tubes.

Jim also mentioned he might send SKIP simple changes on Heath Co. amateur gear from time to time. QRV OM.

ATTENTION DXers

Announcement is hereby made of the deletion of the Kuwait-Saudi Arabia Neutral Zone (9K3 825) from the ARRL Countries List. Only contacts made before December 18, 1969 will be creditable toward that listing. DXCC Honor Roll listings will be affected by this deletion as of April 1, 1971. Honor Roll submissions made during the month of June will be based on deleted totals of 312 CW F and 312 Phone. (ARRL OE 309)

WX BROADCASTS

RTTY

By Reg, W4ILE

THE FAA IS PLANNING TO UPGRADE THE MIAMI Caribbean Meteorological (CARMET)

radioteletypewriter broadcasting facility from 60 WPM to 100 WPM. This facility presently runs 15 KW on 3235, 5937, 8130, 10950, 14395 and 16410 kHz., on about July 1, 1971.

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JUST ONE MORE TIME

By Clara B. Stables, WB4NXX
PART I

Now that I hold that little piece of paper stating that I am a General for the next five years at least, I feel that I can, without prejudice, drop a few pearls of wisdom before the perspiring Novice who aspires to be a General.

Don't, for Heaven's sake, take the long, slow, meandering path I followed. I entered the Novice Class with the bright and shining face of Shakespeare's scholar but without his reluctance. The five words per minute sending and receiving came easily as did the elementary theory.

It was on the long leap from five to thirteen words per minute that I sogged into the morass, was derailed, got caught in the brambles, and remained marooned on a broad plateau of about ten words per minute for months.

My first mistake was to rush out and buy a tenth-band receiver. The moving finger eagerly penned the check and I was stuck with a mass of tin, wires, capacitors, resistors, and tubes that received with wanton abandon but without selectivity. CW and voice were jumbled together like a swarm of bees, or maybe CBs. Then I acquired a used transmitter of good make and no doubt easily operated by anyone who knew half the score. The more I studied the manual the more fuses I blew until the local electronics outlet asked me if I were feeding them to the cat who liked to sleep atop the set when it warmed up. Finally, I loaded it properly and pounded out CQ after CQ, feverishly tuning the receiver to catch any unwary Novice who might swallow my bait. Perhaps some did; I'll never know; I was unable to sort them out from the medley.

I gave up and bought a record taking one from 7 to 21 words per minute. Incidentally, I never reached 21. I scrounged another key. Half the ball bearings had fallen out of my first one and had rolled into obscure corners never to be resurrected. I taped the record into a cassette and played it over and over and then one more time. Reams of copy paper filled the trash cans. My old headphones gasped their last and the little earphones



MEET MRS. CLARA B. STABLES, WB4NXX and Perky (age 14) of West Palm Beach.

blasted my eardrums. The neighbors knew the code better than I and some threatened to go down to try the test.

At last, I thought, I was ready. I drove to Miami in darkness and reached the FCC office two hours early. I sat in the car in the parking lot and alternately listened to code groups on the recorder and reviewed theory from the Manual. Needless to say, I failed the code. However, I did copy enough to try the theory test. On the return trip, the alternator on my car quit; but, that, as they used to say in the 19th Century novels, is another story.

Somehow, I was dilatory in code practice and my Tech license came through. Now, I was high, dry, and stranded.

I bought a used six meter rig

and a squalo to get a little practice on phone. The seller didn't promise me a rose garden; but neither did he tell me that it took an aurora to open the band. I turned the set on every day; but, so far as I know, it was open for only a couple of days around the middle of July and another few days during the middle of August. The rest of the time it was silent with hardly a line noise. The age of innocence, apparently, is not over — at least not for me.

Then my cat, Perky, who is 14 and should know better, either inadvertently or intentionally, used the rig for a sandbox. Now, it was really dead. In fact, I nearly buried it.

Part II next month folks.

EX CALLS

Apparently there is no end to EX-CALLS. Good! Have you sent in yours? Ed

K4QG ex W6HJP, W7SOX, W9FGZ, K4EFF, WORHL, W4EXM, DL4AY, KR6AM, EP2AM, KH6AK.

K4DVT ex W3DNO, W9CWL, W4ILD, ex W4FZL

K4ME ex W3SO, W3DPM, W2YTL, W1NXB, W4HVH

W4RML ex W9PVZ, WOHEH

W4WWE ex W9HIU

W4JCU ex 2ADQ, W1JSZ,

W3DJH, W3IAE, W8DPT

W4FFH ex W2LLX

W4FCP ex WA4GDC, K5IBS

K4SJH ex W1DTP, K2ELN,

W3ORO, DLAEF

K4FBS ex K8JGJ, W9FFH, 88WT

WB4LOA ex WA4JJA

W4VMN ex K2LCI

WA4JSP ex W9KMC, W8GCP

WA4HAA ex W5TKI

K4AG ex 3IV, W3ADQ,

W2AHH

WB4CQU ex WA8BGU

W4OAJ ex W3JNZ, W2PSZ

W42TB ex K8OSG, W6HED

W4PLO ex W3HLS

K4IGO ex 9BUR, W9DUR,

W6SOO, JA2VP

NEW LATE LATE CW NET

If you can't sleep and have traffic you wanna clear, try the newly formed Atlantic Coast Net (ACN) at 0415 GMT nightly on 3690 kHz. WB4SMA is net manager and welcomes any and all takers. ACN hopes to expand from Florida to Maine. Try 'em, they are a sharp outfit . . .

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THE QFN REPORT

By K4EHY

Many QFNers enjoyed getting together at the Miami Hambores. It was the largest gathering of traffic ops I have seen in Fla. A very large turnout for the QFN breakfast also appeared.

The SET contributed a concentrated weekend of traffic handling for most ops. Many new ops got their baptism of fire during SET, doing more traffic handling in one weekend than usual in a whole month. This year's problem was still the hush on the regional net level and the difficulty with QFN reps to clear their book both at the region and area level. Traffic was backlogged a week after the exercise. It seemed we had more direct representation of the state QNT this year, but the liaison to SSB was about the same. NCS's did a fantastic job coping with the large QNT and QTC. This year's exercise was not preplanned, but got coordinators WB4OMG and WB4MTQ did a good job alleviating some of the confusion. Returns are still out on how effective we were in

operating the net as a purely volunteer basis.

W4LYT, Andy, has initiated a CW NET Training program. Wednesday nights at 1930 after FSBEN on 3940. All members are urged to help out either on SSB or on CW.

W4DJ, W4FPC and W4LYT have agreed to help with the Novice Hurricane Training Net. Anyone else interested?

W4DQS, Dale, made good progress on the 5B and DXCC, needing only 4 more cards. W4ABGW, Al, went back up to the cold north Ohio country. W4FQP, Jim, still has some skin trouble and has been in and out of the Ray Pines VA Hospital. W4SNA, Larry has started a new net: Atlantic States Net 415Z daily 3000 KHZ. TBT - Don K4EHY - ARN

GATOR NET

By EV, W4IA

January was a month of "happenings" for the Gator Net gang. First came the Miami Hambores. Among GN regulars known to have attended that shindig are W4EHY, W4IAIW, BRIT W4, K4JWM, K4KO, W4ACK, W4LE, W4YFX, K4GJ, W4BM, K4FQP and W4ZHG.

The month closed with ARRL's Simulated Emergency Test, during which GN operated six sessions of a combined GN QFN. GN members supporting this effort included W4DVU, W4IA, W4EHY, W4IAIW, BRIT W4, K4JWM, K4KO, W4ACK, W4LE, W4YFX, K4GJ, W4BM, K4FQP and W4ZHG.

As this is written we're into the month of February and GN is having some lively sessions, both QNT-wise and traffic-wise. We have several weak spots from the standpoint of coverage and particularly would welcome participation from stations in Orlando, West Palm Beach, Fort Lauderdale, and the general area of Gainesville. Come on in - 7115 kHz, 0830 EST Daily.

FLAMINGO NET

By Kurt Lenkway, W4GGJ

The Flamingo Net had a little detour. Its annual Family dinner and Business Meeting Sunday, February 7, 1971 at the Copper Hood Inn in Dania. Better late than never and the Flamingoes don't mind if the business year has 14 months. We were all together 50, a very good turnout. "Naturality" we had a steak dinner, paid by our Kitty. The Copper Hood Inn provided us with a very comfortable dining room.

Election of officers followed the dinner. Our new "Mr. President" and activities chairman is Ron Gamel, K4JXL and our new "Mr. Vice President" and assistant activities chairman is Edmond Wright, W4GJ. Walt Kinney, "Mr. Flamingo", W4GJ was unanimously re-elected as NET Control. "Honest" John Morel, W4RWT is again our treasurer, because we all think he is the only one we can trust with our very large Kitty. It was decided to create a new office: the secretary for certificates. K4CYF, Dora Dixon was elected to this office. The Flamingo Net has so far 1250 certificates issued. Kurt Lenkway, W4GGJ was re-elected as Secretary.

W4GJ, Walt, motioned to record in the minutes of the Net a "Thank you" to W4JO, Frank, for his efforts getting the Flamingo Net news in "Florida Skip". Motion was passed.

Earlier the same day, at 15:00 EST we had a hidden XTRM hunt. W4GGJ was the hidden XTRM, with Joel Caulfield, WB4RSG as co-pilot, hidden in the deep woods of NE 152nd Street. 11 cars started from NW 111 St. and 7 Ave. and all came in. The winner was K4JXL, Ron, second was W4DJ, Carl with W4WYR, Evelyn as co-pilot, and third was WB4OQN, Chip. The weather was beautiful, the hidden Xtrm was well hidden and we all enjoyed it. As added attraction W4GGJ's car got stuck in the mud at the hiding place and it took an hour to pull him out.

Please: Dues are due and if you didn't, please do. Net time: every Friday at 19:30 on 3944.

FLORIDA MIDDAY TRAFFIC NET

By Herb, W4LSR

Our Net again took an active part in the Simulated Emergency Test on January 30th and 31st, remaining in session for a total of 518 minutes on these two days. 130 stations, seven on emergency power handled 114 test priority and 234 routine messages for a total traffic count of 348. The seven Stations who acted as Net controllers were: K4LEC, K4JAX, W4ABY, W4FJA, W4RUE, WB4CBP and WB4MIQ. Clyde, W4SDR our Net Manager is pleased with the efficiency of their work as well as that of our members and friends who worked with our net. He extends his thanks to all of us as well as to those who acted as Liaisons to the other Nets in session. These were W4AKB, W4FPC, W4LOQ, W4OWG, WB4FGW, WB4MIQ, WB4OPL and WB4PWD.

We welcome these stations to our roster: W4DFU The University Station at Gainesville, Gene, WB4SQZ in Winter Park, Charlie, WB4EM 4 in St. Pete and Ron and Harry, W4OZL in Key West.

Ellnor and I thoroughly enjoyed the Miami Hambores where we renewed many old friendships among the local Hams, made during our 25 year residence in that area. We had numerous "eyeballs" with the many FMTN members who at-

tended, including Charlie, W4AKB who we met for the first time.

The FMTN held 27 sessions in January with 561 check ins handling 684 pieces of traffic. Average stations 36.7 and average traffic 25.3.

FLORIDA FAA NET

By George Cooper W4EH

With a sage of the seas that would equal the novel "TWO YEARS BEFORE THE MAST" our toairtime mobile ham W4EJL MM, Blair Pearson aboard the tanker SS THALIA is nearing his destination Bombay India. With a voyage that consisted of many problems that plague the men who ply our seven seas, heavy seas, mechanical breakdowns, sickness of the Second Mate making it necessary to make an unscheduled stop at Cape Town. I can only say I am jealous I am not on a similar voyage as it takes me back a few years to my brass pounding years aboard the U.S. Navy dreadnaughts and I would think it would take many of you mariners or of you who would like to follow the call of the boatswain piping "ALL HANDS ON DECK." The sound of the pounding seas. These are bygone days for me but certainly not forgotten.

By the time this goes to press W4ZL, Harold Burhop, Stuart, Fla. should be home and operating from Deftor, Mich. using his WB2L call.

W4AHR Len Ballard enjoyed a visit from Bill Benton from the Washington, D.C. office. Len hopes Bill may become interested in amateur radio.

K4MV, Floyd Lindsey, Fort Lauderdale is planning to increase antenna height to over 40 ft. The FAA net appears to be getting more DX oriented with all the interest shown by many members of the net in DX activity.

W4VB, Stark Tatman, Stuart, Fla. made a visit to the Sebring Avion trailer rally 7th Feb. The rally held at the site of the famous International Grand Prix. It is hoped W4VB will drop by next time with a stop at y/a de FAA editor W4KKE.

W4JVA, Paul Colby's FAA net 1405GMT

TOP TWENTY TRAFFIC TAKERS

1. W3CUL 4	3128	11. WB4SMA	302
2. W3VR 4	998	12. W4ABY	295
3. K4IWT	605	13. K4TFS	268
4. W4SSB	365	14. K4FAC	228
5. WB4AIW	478	15. W4LE	197
6. WB4ONG	414	16. W4OWG	190
7. W49QVY 4	410	17. WB4MIQ	184
8. W4WEB	404	18. W4IJJH	178
9. W4IKB	326	19. W4JWM	160
10. WB4PWD	303	20. BR1Y W4	153

TRAFFIC HOUNDS

Net	QNT	Avg. QNT	QTC	AVG. QTC	Sessions
FMTN	991	36.7	684	25.3	27
GN	338	10.8	270	8.7	31
QFN	456	14.8	476	8.2	58
FAST	765	30.6	167	6.7	25
TPTN	378	15.7	120	6.0	24
FPTN	440	16.9	82	3.2	26
NHN	33	3.6	5	0.7	7
WFPN	686	—	362	—	31

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WB4SGW Ed Gehr with 4 years service and a very varied career with the CAA FAA is currently with the Jacksonville HAPIS and a very welcome addition to the FAA net.

W4WQJ John Zwaska Shamrock Fla. John joined at he was a 4th AA only and not with the FAA but has many friends in the CAA FAA and is in any case very welcome to the net. John is more recently retired from Eglin Air Force CTL.

FAST NET NEWS

Vincent Bailey W44NVR

The FAST Net slipped a little during January from its December Record. I hope S&T will give it a little boost during February.

The net has three new NCS's. They are WB4SMA K4BEM and WB4MIQ. We are glad to have them with us.

All net members were asked to report the duration of net operation so I could evaluate net performance and make a little friendly comment on the net here. This month we pleased to report that K4BEM was the most proficient NCS in handling check ins and traffic. In the check in dept. (avg. 200 minutes) Woody was the best. W44NVR, W44HJ and WB4MIQ in traffic handled. A g. JTC mem. W44BEM and WB4HJ followed.

TECKNICKLE TOPIX: USING THOSE HIGH FREQUENCY CRYSTALS

Don't throw away any of those "Odd-Ball" sealed metal type holder crystals. If a crystal reads 42,000 KHZ, we know for something it is not that frequency but usually an overtone with a fundamental of 1/5 or approximately 8 MHz. This crystal will oscillate on 8 MHz and may be just what you need for that two meter rig! The ceiling of most crystals that we run into is about 9 to 10 MHz. After that, they get too thin to operate on their fundamental and we go to 3rd overtones or

second and third respectively. Everyone is to be congratulated.

Glad to hear K4QVY is again and sorry to lose W44TOD because of a new job schedule.

Is looking for an assistant net manager. If interested please ARL? 73

1/3 of what we read on the holder. 3rd over ones run to about 18 MHz. The next overtone is the 5th, and these go to about 45 MHz. From there we go to the 7th which is good to about 120 MHz. These crystals are all specially etched and plated so their maximum output is on that overtone, which is not necessarily three times or five times the fundamental. A 3rd overtone crystal is actually

oscillating mechanically in its holder in three sections or three layers. Due to this reason, the crystal does not come out exactly on the multiple.

W4NOH in QMN BULLETIN AND DATA BULLETIN

E.C.'s ... HAVE YOU
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AND
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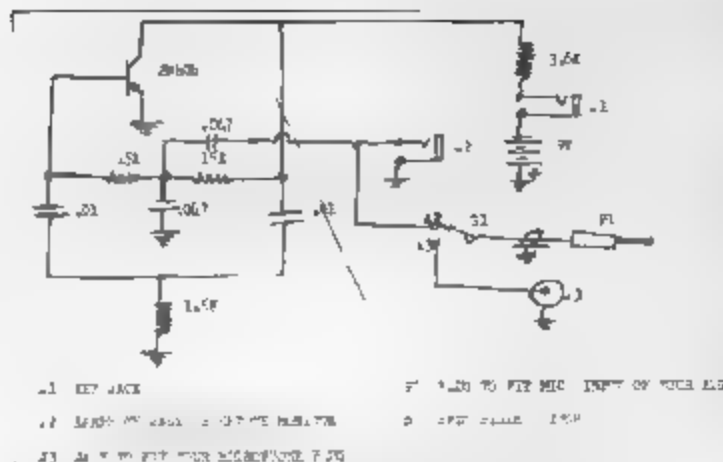
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A.R.R.L.-NET "QN" SIGNALS

QNA Answer in pre-arranged order
 QNB Act as relay between and
 QNC All Net stations copy.
 QND Net is directed.
 QNE Entire Net please stand by
 QNF Net is free.
 QNG Take over as Net Control Station
 QNH Your Net frequency is high
 QNI Report into Net or I report into Net
 QNJ Can you copy me or
 QNK Transmit message to for
 QNL Your Net frequency is low.
 QNM You are QRMing; please stand by
 QNV Net Control Station is (on kc).
 QNO Going out of Net.
 QNP Unable to copy you (or)

QNQ Send your information QNC or May I transmit message "QNC?"
 QNR Answer and relay (or receive) traffic.
 QNS Following stations in Net
 QNT Leaving Net temporarily (or for minutes) or I request to leave Net temporarily, etc
 QNL has traffic for you await instructions (or QNU QNR)
 QNV Please request to QSV
 QNW Through whom shall I relay message for
 QNX You are excused from Net or I request to be excused
 QNY Please shift to another frequency (or to kc) to prevent QRMing other Net stations or to clear traffic with)
 QNZ Zero beat your signal with that of the Net Control Station.



CODE PRACTICE ON 2 METERS

By D. R. Klobe WA4KJY

Here is a simple little unit to get any A.M. rig on A2. The basic circuit is nothing new and is simple to construct. Any transistor from your junk-box can be used in place of the 2N404. The transistor, resistors and capacitors were mounted on a piece of vectorboard. The switch and jacks were mounted on a 4x2 1/2 x 1 1/2 mini box. The vectorboard and battery were then mounted inside the minibox to complete the project.

The output was measured to be 1.366 KHz at an amplitude of 12 V RMS. This output may have to be reduced to fit your particular rig so that it does not exceed 100 percent modulation. My unit was used on a Heath Twoer.

A THREE-BAND GROUND-PLANE ANTENNA

By Carl W4REI

If you are really in a bind for antenna space at your QTH, here is something you might want to try. Here is the sales pitch: it is neat in appearance, it costs very little, it does not need a rotor, and it works efficiently on 10, 15, and 20 with a low angle of radiation.

Ground-plane antennas close to the ground aren't ground-plane antennas at all, so this one is supported by 34 feet of 1-inch galvanized pipe. Four 17-foot drooping radials form the ground plane and double as guy

wires. These four wires are fastened to the pipe flange at the top of the mast. At one point in the mast, the pipe sections are joined by a T-fitting, which provides a good point for bringing out the RG-8 U feed line.

A cane fishing pole supports the three separate vertical elements. These elements, made from Number 12 wire, are taped to the pole every three inches with a good grade electrical tape. Dimensions for the three wire elements are 8-foot 3-inches, 11 feet, and 15-foot 5-inches. The bottom end of the pole is tightly jammed into the upper end of the support pipe and the coax feed line is brought out of the pipe, just below the bottom of the flange through the T-fitting. The inner conductor of the coax is soldered to the junction of the three vertical elements, and the braid of the cable is connected to the pipe flange.

For a simple but effective antenna, this system is hard to beat. Good results have been had with it, and there is said to be a noticeable improvement in reception over a horizontal dipole.

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Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free up on notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere). Any individual may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

ARRL LISTINGS

Director, S.E. Division
H. DALE STRIETER, W4DQS
909 Trinidad
Cocoa Beach, Fla. 32901

Vice Director, S.E. Division
CHARLES BOLVIN, K4XQ
210 S.W. 27th Lane
Miami, Florida 33133

SCM, E. Fla.
JOHN F. PORTER, W4RGJ
P.O. Box 7297
Miami, Fla. 33156

Asst. SCM E. Fla.
ALBERT HAMEL, K4SJH
220 N.E. 25th St.
Pompano Beach, Fla. 33064

SCM West Florida
FRANK M. BUTLER, Jr. W4RKH
323 Elliott Rd., S.E.
Ft. Walton Beach, Fla. 32548

SEC East Florida
ANDY CLARK, W4IYT
41 Lorange Drive
Miami Springs, Fla. 33166

SEC West Florida
G.D. McKECHNIE, W4IKB
527 S. 4th St.
Chipley, Florida 32425

Asst. SEC East Florida
KEN STEWART, W4SMK
287 Maple Ave.
Ft. Myers, Fla. 33901

Asst. SEC West Florida
T. H. GOLDSMITH, WB4EQU
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Ft. Walton Beach, FL 32548

NET LISTINGS
QFN (All Florida)
7:00 p.m., and
1000 p.m. kp. daily 2051 kc.
FAA Sun. 9:45 a.m. 7260 kc.

FSBA Sundays
5 p.m. on 3940 kc.

FSBEN Wednesday
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,
Sundays
7:30 a.m. on 2910 kc.

STATE QCWA NET
Noon, Sunday, 7254 KC.

MOONPORT MICROWAVE
ASSOCIATION NET
Sundays at 2100 EST
Frequency 145.5 mhz.

GATOR NET (GN)
Daily 8:30 a.m. on 7115 kc.

TROPICAL PHONE TRAFFIC
NET (TPTN) Daily except Sun.
5 p.m. on 3940 kc.

FLA. AMATEUR SIDEBAND
TRAFFIC NET
(FAST) Daily except Sat.
6 p.m. on 3940 kc.

WEST FLORIDA PHONE NET
(WFPN)
6 p.m. on 3857 kc. (33042)

FLA. PHONE TRAFFIC
NET Mon. thru Sat.
7 a.m. on 3940 kc.

FLA. MIDDAY TRAFFIC NET
Daily except Sun. at 12 noon
On 7254 kc.

NOVICE HURRICANE NET
(NHN) Sat. & Sun.
2:30 p.m. on 7165 kc.

GOLD COAST EMERGENCY NET
4 Ntrs. 50.445 mc Mon. 2000 local
3 Ntrs. 145.23 mc Tues. 2000 local

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Friday, 7:30 p.m.
30.044 a.m.

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523-1517, 584-1277

LAKE AMATEUR RADIO ASSN.,
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Meets each Thursday 8:00 P.M. EST
Clubhouse, Springdale Ave.,
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Walk to O. A. Thompson, Ed.V, Secy.
Rt. 1 Three Lakes, Umatilla, Fla. 32784
Telephone 904-357-5143

HILLSBOROUGH AMATEUR
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Meets 4th Tuesday, 7:30 P.M.
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DADE RADIO CLUB, INC.
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Museum of Science 8 p.m.
2280 So. Miami Avenue
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Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33132

ST. PETERSBURG AMATEUR
RADIO CLUB, Inc. W4GAC
Meetings: 1st Friday
Azalea Community Center
1400 - 72nd St., No.
Mailing Address: P.O. Box 4228
For information phone:
345-0484 or 326-4294

ORLANDO AMATEUR RADIO
CLUB, INC.
3rd Wed., 8:00 p.m.
First Federal Savings & Loan
on Edgewater Drive Mailing
Address: Box 11267,
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More info: call 644-0886

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Tampa, Fla. 33603

SARASOTA AMATEUR RADIO
ASSN. INC.
Meets 3rd Tuesday of each month
8 p.m.
At Sarasota Federal (S. Gate Branch)
Club Call W4IE in memory of Charlie
Service.

WEST PALM BEACH AMATEUR
RADIO CLUB, INC.
P.O. Box 6234
Southboro Station
West Palm Beach, Florida 33406
Meetings: First Wednesday of each month
- 7:30 P.M.
820 Newark Street
West Palm Beach, Florida 33401
Information: Call 833-0775; 532-2237.

BISCAYNE AMATEUR RADIO CLUB,
2nd Wed. of month, 8:00 P.M. W4VMT
Village of Miami Shores Courtroom
10050 N.E. 2nd Ave.
Mailing Address: P.O. Box 305
Miami Shores, Fla. 33153

DAYTONA BEACH AMATEUR RADIO
ASSOC. K4BV
Meets 3rd Mon. each month
American Red Cross Bldg.
800 Volusia Ave.
Mail: P.O. Box 1608
Daytona Beach, Fla. 32015

GULFSTREAM SOCIETY OF AMATEUR
RADIO OPERATORS, INC., WB4FPB
Meets 2nd, 3rd & 4th Fridays
7:30 p.m. Room 23, Civic Auditorium
Mailing Address: P.O. Box 461
Lake Worth, Fla. 33460
Phone: 562-3879

HOLLYWOOD AMATEUR RADIO CLUB,
3rd Monday of month at 8 p.m.
Science Lab, Chaminade High School,
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Hollywood, FL 33021
Visitors always welcome.

FORT MYERS AMATEUR RADIO CLUB
Meets 1st Wednesday of month at 7:30 p.m.
First Federal Savings & Loan Ass'n
Pondella Road (SR 78-A)
North Fort Myers
Sec: 193 Meta St. Fort Myers, Fla. 33906
891-3444

SOUTH MIAMI RADIO CLUB, INC.
K4JVA 1st Fri., 8 p.m.
Coral Gables Police Station
285 Aragon Avenue
More info call:
416-2478 or 236-2563

BRANDON AMATEUR RADIO SOCIETY
WB4RNC.
Meets second Mon. 7:30 P.M.
First Federal Hospitality Room
420 Brandon Blvd. (Highway 60)
Mail Address: P.O. Box 828,
Brandon, FL 33511 Phone 689-2814.

FLORIDA RADIOTELETYPE

We know for a fact there are dozens of Florida amateurs capable of working RTTY on the amateur frequencies. Most of them operate only on MARS channels. A couple years ago, Rex Peters, W4ZAG of Tampa had a fine net going on 3704kc. Rex was forced to give it up for lack of support.

During our SET (Simulated Emergency Test) Jan. 30 and 31, RTTY was used to exchange hundreds of messages between the East and West Florida ARRL Sections. The purpose of this RTTY was to prove that large masses of traffic could be passed in a very limited time. This was done. BUT not without some problems. We received one report which said "we could have doubled our volume of traffic IF all participating station knew RTTY net procedure . . ." This is why a daily RTTY net is needed to enable more practice in net procedure. What say if the RTTY boys get behind Rex and get an amateur RTTY net going again? Florida needs this net with a tie-in to NTS via QFN. We have the equipment, we have the frequencies, we have the operators, do we have the desire and leadership?

Our thanks to the following who participated in RTTY SET net: W4AKB, W4AGTA, W4H-DH, W4SSB, K4TFS, W4WEB and W4YP. Let's double that number next year.



FLORIDA
AMATEUR RADIO PUBLICATION
P. O. Box 501
MIAMI SPRINGS, FLORIDA 33166

1971 FLORIDA QSO PARTY
April 3rd and 4th, 1971

FLORIDA SKIP, the all Florida Amateur Radio Publication, is happy to announce the 7th annual FLORIDA QSO PARTY to be held April 3rd and 4th, 1971. All amateurs are invited to participate. Florida amateurs are urged to work as many out-of-state stations as possible as well as those within the state.

CONTEST PERIODS: Sat 1500-2000; Sun 0000-0500, 1400-2359 all times GMT.

SUGGESTED FREQUENCIES: CW 1807 3571 7071 14071 21071 28071 kHz.
Phone 1817 3971 7271 14317 21371 28571 kHz.

EXCHANGE: Florida stations give RST and county. Non-Florida stations give RST and state, province or country. Sequential QSO numbers are NOT to be exchanged.

NO POWER RESTRICTIONS OR TIME LIMIT.

SCORING: All stations: Stations may be contacted once on each CW band and once on each Phone band. CW and Phone are separate entries and are not to be summed for any awards. Multipliers count only once.

Florida stations: 1 point/QSO X number of states, provinces and countries. D.C. counts as Maryland. Other Florida stations may be worked but only for contact points, NOT for a multiplier. Maximum multiplier is 71, (49 states, 10 provinces and 12 DX). No more than 12 DX countries will count towards the multiplier. Multi-op: Single entr/mode, minimum 50 QSOs.

Non-Florida stations: 1 point/QSO X number of Florida counties (67 max).

AWARDS: TROPHIES will be awarded to stations in the following categories:
Florida stations: High single-op CW station
High single-op Phone station
High multi-op station

Non-Florida: High single-op non-Florida station
CERTIFICATES will be awarded to stations in the following categories:
Florida stations: High single-op CW and Phone each county
High multi-op CW and Phone each county

L065: Non-Florida: High single-op CW and Phone each state, province, country.
All logs must be postmarked no later than April 30, 1971, and mailed to:
FLORIDA SKIP, Contest Chairman, PO BOX 501, Miami Springs, Fla., 33166.
A summary sheet with your name, call, address, claimed score, category, station location and the customary declaration must be included or the entry will be disqualified. Messy entries will not be considered.

SCORES: All scores will be published in the June or July issue of FLORIDA SKIP. Participants desiring a copy, please include a 6c stamp with your logs.

RULES: A copy of the official rules may be obtained from the above address, when the request includes a self-addressed stamped envelope.

The decisions of the Contest Committee are FINAL.

GOOD LUCK and 73, Don Murray, K4FMA, Contest Chairman.

HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateur, at a rate of 25 cents or more for five (5) lines and 5 cents a word thereafter. There are approximately seven words to a line. Berch ads must be resubmitted each month. NO dollar for 4 runs, etc.

Non-subscribers rate is \$1.00 for 5 lines and 5 cents each additional word.

To Commercial Business: Classified, undisplayed — \$8 cents per line; Illustrative or General Display with border — \$2.50 min., \$60 page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 1/4" vertically on one column, i.e., 4 columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Conset 2 meter communications III 550. Hy-Gain WTDQ traps, excellent condition \$10. pair. Ernest Baldwin, K4HBD, 453 Watts Way, Cocoa Beach, Fla., 32931. W4 305-783-7202.

FOR SALE: Eico mutual conductance tube and transistor tester, \$50. Cushcraft 6 meter — five element beam \$11. Hy-Gain CLR 2 CB antenna, \$16. ASP-M168 grip stick CB antenna, \$9. Saul Cohen, K4ACJ, 4524 Michigan Ave., Miami Beach, Fla., 33140. Tel. 331-9722.

FOR SALE: General Electric Progress line 20 watt 110VAC with front mount control head. Dual channel 146.54-94 and 14-76 installed with Ameco preamp. Make offer to John Deegan, WA4QLZ, 1791 NW 15 Ave., Apt. 110 Miami, Fla., 33135. Phone 634-2813.

WANTED: Ten through 60 meter vertical antenna. Ralph W. Silence, WN4SJB, Rt. 1, Box 437, Lutz, Fla., 33549. Phone 949-1711.

FOR SALE: Homebrew W2PAT RTTY converter wired for oscilloscope, 20. TU with tuning scope, \$50. Model 18 power supply \$10. National 196 receiver \$100. Johnson Viking II with model 125 VFO, \$50. Harvey Wells T-50 with power supply and manuals \$35. RTTY line control unit \$10. W. A. Ross, 705 Bonnie Dr., Lakeland, Fla., 33802. Phone (813) 966-9623.

FOR SALE: Lafayette HA-350 recvr with speaker \$80. Heath DX-60B str, \$90. electronic TR switch, \$5. Complete novice station, excellent condition. John Grice, WN4RLT, 129 Swails Blvd., Cocoa Creek, Fla., 33405.

FOR SALE: Bartmarlund HQ-110C with manual, like new, \$80 or best offer. Ray L. Peterson, K4ASZ, 2160 Alexander Dr., Titusville, Fla., 32780. Tel. 905-240-5625.

FOR SALE: 28 VDC ps at five amps on 110VAC, Motorola T44AAV-1 twin-V 450 MC unit. Hewlett Packard HP-715A power supply. Standard 19 inch rack mount equipment cabinet 20 inches high by 15 deep. New solid state portable SW recvr, Conset mobile ten meter tunable converter. Norman Gerber, W4ZRT, 850 N.E. 8th St., Miami, Fla., 33138. tel. 305-753-2654.

FOR SALE: C.E. 100V Al condition, \$300. Need Johnson matchbox. Burt Weidenbamer, K4DVT, 871 18th Ave., N. St. Petersburg, Fla., 33713. Tel. 696-9228.

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FOR SALE: National NCX-3 transceiver complete with AC supply and crystal calibrator. \$175. Excellent condition. Ben Farmer, KASCM, 9750 SW 166th Terr., Miami, Tel. 233-1890.

TRANSFORMERS REWOUND: Jess Price, W4CLJ, 411 Gandy Ave., Orlando, Fla., 32801. Phone (305) 425-7151.

STRIKE UP THE, GET READY TO SING. THE ORLANDO HAMFEST IS THE NEXT BIG THING — KORNPONE

KORNPONE RHYMES JUST MAKE ME TINGLE ALL OVER! — LUCY CORN-SHUCK.

FOR SALE: Oscilloscope, RCA three inch, \$15. Table top RF linear amplifier, home built grounded grid (pair 572B) \$40. Receiver S-38A \$6. All in working condition. Howard Stark, W4MTH, 9231 Caribbean Blvd., Miami, Fla. and Tel. 238-8430.

WANTED: Will buy or pay to copy SA-3 Panadaptor type T-2000RS instruction book. Also want six each 8000 volt Glassmike capacitors .01 or .005 each. A. R. Naray, W4ID, 461 Third Ave., Eau Gallie, Fla., 32902.

FOR SALE: SWAN 500CK a.e. power supply with speaker VX-1VOX unit, all in mint condition \$500.00 takes all. Tom Rudge W4BWE, 235 Celeridge Ave., Titusville, FL 32780 Phone 305-287-3425.

FOR SALE: AMECO TX-82 with modes 621-VFO \$125.00 for both. Forrest K. Haynes, K4YPO, 4419 Forest Road, West Palm Beach, FL 33406 Phone 965-6419.

WANTED: Tri-band, Ham M, balun and tower 10 to 30 feet. Prefer hinged crank up. Tom Stanton W4DUX, Bay Colony, Palmetto, FL 33501 Phone 813-722-3600.

TELETYPE — parts (fast service), machines, all models, buy parts, late machines. What have you? TYPETRONICS, Box 9873, Ft. Lauderdale, FL 33310 — W4NYF.

FOR SALE: 20 meter, 4 element beam. Bruce Melsin WBANZ, 110 E. 10th St., Apt. 25, Hialeah, FL Phone 885-2061.

FOR SALE: Collins S-Line: 7553, 32S1, 30L1, speaker console, 312B4, SM2 mike, DL-1 dummy load Heath monitor scope Swan 350 with Shure 414A mobile mike, ac-dc supplies, now mobile. H. Overall, W4QXI, 5506 Roosevelt St., Hollywood Hills, Fla. Tel (home 967-2720) (office) 923-8222.

FOR SALE: Scan Cygnat 960 with mike, excellent condx, going QRP, \$300. Will consider offers but \$300 takes it without delay. SX-140, \$50. P.H. Smith, W4AB-SI 1. 30 Inlay St., Hartford, Conn., 06105.

FOR SALE: Eico 750in very good shape 80 40 20 M sbb, am, cw - 200 watts with mobile mount. Asking only \$129. J. P. Kramer WB4PC, 994 Northside Rd., Mt. Dora, Fla., 32757. Tel. (904) 343-5786.

FOR SALE: COLLINS 100KHz, plug in Johnson 100kc calibrator, switch and instructions \$10.00. Percent Modulation 0 to 100 percent (with 0-1 ma scale) 3 inch round \$1.00. Sprague 12,000 MFD, can, 11 VDC, \$2.00, 40 meter center loading coil, total 32 ft. required, not 66 feet, \$4.00. ARC-5, 3.95-5.3 5.3-7.1, and 3-5 Mc \$7.00 each. All FOB, Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33156. Phone 288-3874.

FOR SALE: Two KW station. Transceiver Dala VFO, 180 watts input, SSB-CW-AM 10 through 80 meters. VOX-PPT, Q Mult., Collins Mechanical Filter, 2KW amplifier with two 4-400s All for \$325. F. A. Mertens, WB4HZN, 2220 N. 48th Ave., Hollywood, Fla., 33021. Tel. 969-1966.

FOR SALE: Harvey Wells T-90 xmttr with ps, HQ110 revr, both with manuals, \$115. Harry Cole, K4VBY, 855 NW 37th Dr., Gainesville, Fla., 32601. Tel. 904-373-1190.

FOR SALE: Collins 75A2, Eddico SSB 100A and SSB1000, CE compressor-Amp, GC1 with relays etc. Complete package \$500 or best offer. Units now in Maryland. James H. Keyes, K4FCW, 1300 - 28th Ave. N., St. Petersburg, Fla., 33704. Tel. 862-7555.

FOR SALE: Vega six, 6m transmitting antenna with five 10 ft. sections of telescoping mast. Some 8U coax but no rotor. Any offer considered. You take down. Peter J. Stevenson, W4DUL, 11346 SW 172 St., Park West, Miami, Fla., 33156. Tel. 235-4537.

FOR SALE: HT-44 with ps. DowKey antenna relay, SB 810 monitor scope, wired but never used; all manuals for above. Several heavy duty power transformers. VOM, couple of mike stands, old SAMS folders in binders. Cleaning house. Reasonable at \$300. Clarence L. Wright, K4CDP, 624 Head Ave., Ormond Beach, Fla., 32074.

FOR SALE: SR-16A, six meter transceiver with AC-DC supplies built to PPT radio. Just plug in antenna and operate. Base or 12V mobile. Nothing else needed. Very good condition, \$98. Al Graulich, K4EEM, 2648 Gulf-to-Bay, Clearwater, Fla., 33615.

FOR SALE: Drake 2B with calibrator, Q multiplier and speaker, \$168. Apache TX1, 675 Vibroplex, \$10. All in excellent condition. Bob Lowenthal, K4YJL, 6541 SW 85 St., Miami, Fla., 33143. Tel. (home) 271-1203 or (office) 444-7131.

WANTED: three band beam (prefer Mosley), good condition, reasonable price. Harry Cole, K4VBY, 855 NW 37th Drive, Gainesville, Fla., 32601. Tel. 904-373-1190.

FOR SALE: HT-37, \$180 firm. excellent condition. SX-101 Mark III \$90 firm. exceptionally good condition. HA-220 Lafayette Qmult. SSB-CW-AM general coverage revr. Bob Sturges, WB4HYJ, 310 Noel Rd., Orange Park, Fla., 32073. Phone 264-2728 AC 904.

WANTED: Five band transceiver, state condition and price. Also test equipment wanted. URM-25 plus coil bar generator. SELL: TR3, HV-4, AC-DC supplies and manuals. Robert Poherence, WB4RSK, 1166 NW 6th Lane, Miami, Fla., 33136. Phone 305-226-5487.

WANTED: Small prop pitch motor. OK if motor is burned out or missing, only need gear parts. R.F. Johnston, K4QI, 1520 Bell Terrace, Titusville, Fla., 32780. Tel. 267-4192.

FOR SALE: Heath DX-100, clean and operating, \$65. R.E. Ford, Box 260, RR-2, Leesburg, Fla., 32746.

GUARANTEED REPAIR: On all amateur radio equipment. All professional test equipment used. For more information call Bob Poherence, WB4RSK, 1166 NW 6 Lane, Miami, Fla., 33136. Phone 305-226-5487.

WANTED: SB-101 or 102 in good condition. low price. Also looking for tower — fold over or crank up. Vinson D. Bailey, WA4SNB, 2365 Clifford St., Ft. Myers, Fla., 33901.

FOR SALE: BC-779 with manuals and power supply, \$20. Heath AC power supply HP-23 for HW series and SB-101, \$30. T44AAV-1 Motorola 450mc Twin V mobile unit \$40. 12B watt 110v inverter for 4vdc, \$15. Complete FM car radio, positive or negative ground, 12vdc, \$25. Lear Jet eight track home deck, \$35. Norman Gerber, W4ZRT, 800 N.E. 81st St., Miami, Fla., 33138. Tel. 305-756-2658.

NOTICE: NORMAN GERBER, W4ZRT IS NO LONGER CONNECTED IN ANY WAY WITH S&N ELECTRONICS. PAID ADV.

FOR SALE: Collins 32s-1, 75s-1, AC supply and matching Sline speaker. All complete with manuals and connecting cables. Package price \$650. Also Aerotron 6N100 High Band base station, Suitable for 3m FM. 100 watts output, \$185. Contact Zach Bruce, W44TJS, P.O. Box 529, Lake Wales, Fla., 33853.

FOR SALE: Crankup 40 ft. tower, Mosely TA-33 Jr. beam, ten element two meter beam, two meter ground plane, TR-44 rotor, all cables — you dismantle and carry, \$150 complete. Al Canning, WB4HAK, John Aldes Way, Orlando, Fla., 32804. Phone 305-293-3334. After Feb. 22 my new address will be 8 Camella Dr., DeBary, Fla., 32713. Tower, etc. will still be at Old address.

FOR SALE: Variantronic IC-2F, \$250. prepaid. Before buying two meter FM equipment, check our price. Meet major manufacturers. CARL EAGLE ELECTRONICS, Box 333, Granite Quarry, N.C., 28072.

FOR SALE: Hallicrafters SX-130 general coverage receiver for novice, ham, SWL: 10-15-20-30-40-80 meters, CB, BC, aircraft, marine, etc. Slide rule calibrated electrical bandspread, calibrated BFO for USB-LSB, crystal filter. New June 1970. Sell now \$125, guaranteed perfect. C. H. Britton, WN4IDZ, Box 2868, West Palm Beach, 33402. Phone 305-833-0044.

FOR SALE: Apache 150w xtrr, looks new, \$85. Ted Tiemeier, W4VBM, 15720 SW 76 Ave., Miami, Fla. Tel. 235-4944.

BARGAINS: Transmitters, receivers, transceivers, parts, test gear at Orlando Hamfest, Hilton Inn, May 22-23. See ad elsewhere. Come.

SELL: Collins 516-F2-AC power supply bought as extra, perfect \$75. No shipping. C. H. Langford, VE1XN W4, 6446-16th St. S., St. Petersburg, Fla., 33705. Tel. 867-8741.

FOR SALE: URM 600 and VFO for six meters. Both in excellent condition, \$75. H.H. Mottinger, K4ZNR, 111 NW 77th Way, Plantation Pines, Fla., 33024. Tel. 967-6130.

SPACE PROBLEM97 Mini beam for sale — 6, 10, 15 and 26 meters, \$25. A. Manchoe, W4VH, 1350 N. Ocean Blvd., Pompano Beach, Fla., 33062.

MUST SELL: Hallicrafters HT-40, 75 watt AM-CW xmttr, excellent condition, with manual, spare final, crystals, \$55. Perfect for novice. Jon Croke, WB4RPZ, 1218 Valencia Ave., Coral Gables, Fla., 33134. Tel. 446-1146.

SALE: FT100; KWS1; 75A4; Telrex TC95; 6mtr FM DMIGV; 2mtr FM 41V's; TS174 TS175, BC221 with AC supplies; Collins 302C-3; 2KW dummy load; CE100V; 440.1McT44AAV, one AC, one 12V, with xtals. Reasonable Offers: W4JB 1712 SE 14th St., Ft. Laud., FL 33316 — 524-0918.

WANTED: Collins Mechanical Filter 2.4 for 75A4 receiver, Motorola AC base BY 140 high band in good shape. Call or write J. W. Knoche, W4LCR, 1830 Kings Ave., Jacksonville, Fla., 32207. Tel. (904) 398-7246.

FOR SALE OR TRADE: TR-4, MS4, AC, \$475. BX10 \$170. SB-300 with mod \$190. All gear in mint shape. Certified checks only. FOS Jax, J. W. Knoche, W4LCR, 1830 Kings Ave., Jacksonville, Fla., 32207. Tel. (904) 398-7246.

WANTED: Tech manual for BC-221P, Radio Master 1950-55, Heath Q meter manual (buy or borrow), state price. Roy L. Simonds, W4HLR, 427 Lucile Way, Orlando, Fla., 32811.

FOR SALE: C1 Mini Vert, 6-20 M. Autronic key and keyer. Army type code machine with tapes, fine for classes. All like new. Manuals. Ed Peckham, W4DSD, 251 So. Golf Blvd., Pompano Beach, Fla., 33064. Ph. 941-4911.

FOR SALE: Complete AM station, HQ-110A, VHF excellent, \$145. Eico 720 xmttr \$45, and 730 modulator, \$39. VF-1 VFO with supply, \$17. Hear it on the air by appointment. Test equipment, all like new, Lampkin 10-B freq meter, \$160. Heath IG-82 sine-square wave generator, \$40. Knight KG-660 signal tracer, \$25. KG-660 battery eliminator, \$25. Bill Dunham, W4TRS, 2204 Floyd St., Sarasota, Fla., 33579. Phone 813-958-0504.

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COMING EVENTS	
BARC Auction, Hollywood	Mar. 13
Florida QSO Party	Apr. 3-4
Orlando Hamfest	May 22-23
State OCWA dinner, Orlando	May 22
Brandon (BARS) Camporee	June 11-13
ARRL Field Day	June 26-27

HAMBOREE - GREAT!

(Continued from Page 1)

Pierce Simpson 2 meter FM transceiver — A. Stryker, Delray Beach, Florida.

All but one of the hamfest attendees congratulated the winners. The one sorehead is this writer.

The swapmeet activity was something to behold. I do believe every hambone in 67 counties bought goodies down to peddle. The XYL's must have been very happy to see the OM hauling all that stuff out of their living rooms, mine was, but I can just see the look on their faces when he came home that evening. Oh well, marriage can't be all bliss. One man's trash is another man's treasure. The Dade Radio Club meeting after the Hamboree was used primarily to formulate a new plan for the next years swap meet. It is hoped we can make everyone happier at the next go around.

The Dade Radio Club wants to give special mention to the Dade County ARPSC for the splendid job they did in several areas. The door monitoring and ticket collecting job was outstanding. Many thanks. Also, although we do not know how much traffic was handled, they did a great service to many people attending. A fine job gentlemen.

The club prize for selling the most tickets again went to the Florida DX Club. Thank you gentlemen, it was greatly appreciated and you earned your prize.

In summation then, the 1971 Tropical Hamboree, was well received, well attended and it is sincerely hoped that everyone profited by participating.

This, then, wraps up the summation of this year's "GREATEST HAMBOREE IN THE ENTIRE STATE OF FLORIDA." Thanks Evelyn Gauzens W4WYR. Those must have been tears of happiness rather than of anguish. No trail boss ever did better.

Paul Norman, WB4IGC

LATE FLASH

At deadline time, SKIP received word that our Florida CW Net S.E.T. score for 1971 is 2603 points over 1760 points for 1970. Needless to say, figures tell the story. Congratulations to all hands.

16 / FLORIDA SKIP March 1971



AMATEUR TV IN Florida is still going along. Here is John Anderson WB4IGC of Jacksonville with his ATV, 400 watt 42MHz transmitter. He uses a 13 element yagi on a 40 foot mast. He also has a GBC solid state camera and a Vanguard. John makes excellent pictures and handles the audio on 2 meters. How about you other guys? Send black and white photo with info for publication.

OPEN LETTER TO ALL FLORIDA RADIO AMATEURS

About ten months ago, Florida Radio Amateurs were disturbed by the news that a bill had been filed in the Legislature at Tallahassee (HB-1131) that proposed giving the Citizen Band operators the privilege of having their call-letters on their automobile license plates. This privilege was to be extended to them at the expense of the Radio Amateurs who would receive an increase of 500 percent in the cost of their plates.

The privilege of having call-letters on automobile license plates was granted to Florida Radio Amateurs in 1958 by a grateful Legislature as a means of recognizing the tremendous efforts the Amateurs had put forth at various times in maintaining much needed communications during times of stress and emergency and was the first such action by any State. The accomplishments of the Amateurs in this regard need not be expounded here, they have been fully recorded in many local and even national publications. Such a record does not exist for Citizen Band operations.

The Florida Radio Amateurs, presumably, would not have objected to call-letter plates for automobiles for the Citizen Band operators had their operations been in accordance with Federal regulations and legal requirements. Unfortunately, the large majority of such operations were carried out by violations of the regulations in almost every category. Although the acceptance of the 500 percent increase in fee for the call-letter plates was not palatable to the Amateurs, most of them objected to being "barred with the same brush" as a group of willful violators of the law.

Consequently, the efforts of a few dedicated and determined Amateurs was directed to this problem and, as is now known, HB-1131 was never reported out of committee and the proposal died at the termination of the legislative session.

Now however, the Radio Amateurs of Florida are again faced with this problem, and the Citizen Banders, realizing their last minute effort of last year gave them little time to muster support to their program, have pre-filed a similar bill AMEND the present statute which gives the Radio Amateurs the privilege of having their call-letters appear on their license plates. This amendment INCLUDES the Citizen Banders at a cost of

500 percent increase in the Radio Amateurs. This bill is known as HB-85 and was introduced by Representative Shaw of St. Johns. One wonders if Representative Shaw is fully aware of the illegal operations of most of the Citizen Banders.

It is a well-known fact that the majority of Citizen Banders operate outside the law. This fact has been and can be conclusively documented. The Federal Communications Commission admits it but are seemingly powerless to counter it. The radio industry not only knows it, but fosters it by offering illegal equipment for Citizen Band use.

Should then, the State of Florida reward and subsidize these people by granting them a privilege that heretofore has been reserved for a law abiding, technically qualified group which has demonstrated its ability to assist government agencies in time of dire emergency and to do so willingly?

Should the State of Florida endorse the technically qualified, (examination required) helpful and law abiding Radio Amateurs with a group of deliberate law violators who use their equipment in a manner not intended by Federal regulation and who are not required to demonstrate in any way their ability to use the equipment they are operating? (No examination required).

The answers to these questions, Mr. Radio Amateur rests with you. Before the next session of the Florida legislature convenes sometime in April, YOU must contact your Representative and inform him of the impropriety of this bill (HB-85), and secure his opposition to it. Better than this however, is to make your views known to the members of the Committee for Transportation of the Florida House. This committee will have the task of scrutinizing the bill and certifying for house action. If the members of the Committee are properly acquainted with the unlawful aspects of citizen band operations, it would seem reasonable to expect that the bill would not be favorably reported for house action.

To help you do this, there is being provided in your Radio Club copies of the documentation of the unlawful activities of some of the Citizen Band operators, a list of the members of the Committee for Transportation of the Florida House and other appropriate documents with a major bearing on the subject. It is hoped that you

1971 BEST SET EVER

(Continued from Page 1)

SKIP issue.

A new wrinkle this year was RTTY. Schedules were set up between Miami and Chipley to exchange traffic between the two Florida sections. In Miami, Hal, W4YF at Dade Civil Defense, K4TF5, and Charlie, W4AKB punched tape and transmitted RTTY to WA4SSB and WA4TGA in the panhandle. The process was reversed for eastern Florida traffic. After one hectic period at the beginning of the exercise when there appeared to be deliberate jamming of the net, the schedule accounted for 435 messages. It is quick and easy at sixty words per minute.

The SSB nets had the brunt of the local traffic load. The Florida Sideband Emergency Net started about ten a.m. each day on 3940 KHz and kept going all weekend. The Florida Midday Traffic Net met at noon both SET days on 40 meters and handled great volumes of traffic until the band collapsed at four P.M. In Miami, the South Florida Division Headquarters station of the American Red Cross kept the phone nets busy originating traffic and receiving traffic and receiving traffic addressed to the E. Fla. SEC. At times, K4IWT had five rigs operating at the same time.

SETs are always a hectic time for traffic handlers. This year was no exception. Indeed this was a record year for the SET as early in the exercise it became quite apparent that the system was becoming overloaded. Nevertheless despite this or maybe because of it, the 1971 SET was a tremendous success. Andy Clark, W4IYT, SEC Eastern Florida, said, "We judge the success of the SET on participation. Using that guideline I can say that in the 15 years as SEC this is probably the best SET we ever had."

All Emergency Coordinators are urged to complete and mail their SET report at once, if you have not already done so. 73 WA4ABY

will write to these legislators expressing your objection to this legislation and why! Don't forget to write to your own Representative also, or go visit him to explain the facts of the matter. The cost is small and it only takes a few minutes to do so.

A. R. Marcy, W4ID
461-3rd Ave., Sea Park
Eau Claire, Fla. 32837